Method for Classifying Data
Using Clustering and Classification Algorithm Supervised

Abstract of the Disclosure

A method for classifying data involves receiving a set of
training data from a physical process such as a computer
network (20). The training data has attribute data and target
data. The target data has a class label associated with the
attribute data. Dummy clusters are derived from centroid
coordinates of the training data associated with the class
label (22). Distance measures are determined between the
training data and a plurality of clusters which include the
dummy clusters (24). Real clusters are created in the
plurality of clusters if the training data is closest to a
dummy cluster or a cluster having a class label different than
the class label associated with the training data (26). A
closest match between data to be classified and the plurality
of clusters is identified (28) and the data is classified as
the class label of the closest match from the plurality of
clusters (30).